

Appl. No.: 10/734,019

Amdt. dated 02/23/2006

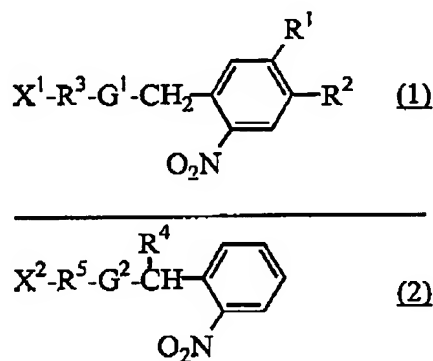
Reply to Office action of September 23, 2005

Amendments to the Claims:

Claims 1-6 (Canceled)

7. (Currently Amended) ~~The image-forming composition according to claim 1, An~~  
image-forming composition comprising

(A) a polymeric compound obtained by the addition reaction of a resinous polymer  
having one or more phenolic hydroxyl groups with a silane coupling agent of the following  
general formula (1) or (2).

wherein:X<sup>1</sup> represents a trimethoxysilyl or triethoxysilyl group;G<sup>1</sup> represents O or COO;

R<sup>1</sup> and R<sup>2</sup> each independently represents a hydrogen atom or a methoxy group, with the  
proviso that both of R<sup>1</sup> and R<sup>2</sup> are not hydrogen atoms at the same time, or R<sup>1</sup> and R<sup>2</sup> are  
combined together to form a ring through an alkylenedioxy group;

R<sup>3</sup> represents (CH<sub>2</sub>)<sub>m</sub>, optionally having a hydrocarbon side chain, wherein m is an  
integer of 3 or greater;

Appl. No.: 10/734,019  
 Amdt. dated 02/23/2006  
 Reply to Office action of September 23, 2005

X<sup>2</sup> represents a trimethoxysilyl, triethoxysilyl, chlorodimethylsilyl, dichloromethylsilyl or trichlorosilyl group;

G<sup>2</sup> represents O or COO;

R<sup>4</sup> represents a hydrogen atom or a straight-chain or branched alkyl group; and

R<sup>5</sup> represents (CH<sub>2</sub>)<sub>n</sub>, optionally having a hydrocarbon side chain, wherein n is an integer of 3 or greater;

(B) an acid generator;

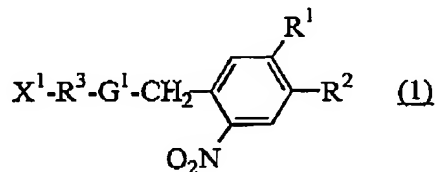
(C) an infrared absorber; and

(D) an alkali-soluble resin;

wherein said polymeric compound comprises at least one compound selected from the group consisting of cresol-formaldehyde resins, resol type phenolic resins, pyrogallol-acetone resin, polyvinylphenol, a copolymer of vinylphenol and styrene, and t-butyl-substituted polyvinylphenol resin.

8. (Currently Amended) A photosensitive lithographic plate having the an image-forming composition of claim 1 applied onto a substrate, the image-forming composition comprising

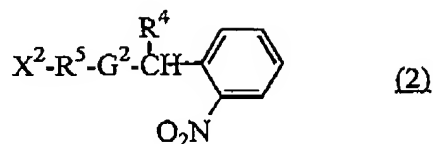
(A) a polymeric compound obtained by the addition reaction of a resinous polymer having one or more phenolic hydroxyl groups with a silane coupling agent of the following general formula (1) or (2),



Appl. No.: 10/734,019

Amdt. dated 02/23/2006

Reply to Office action of September 23, 2005

wherein:X<sup>1</sup> represents a trimethoxysilyl or triethoxysilyl group;G<sup>1</sup> represents O or COO;

R<sup>1</sup> and R<sup>2</sup> each independently represents a hydrogen atom or a methoxy group, with the proviso that both of R<sup>1</sup> and R<sup>2</sup> are not hydrogen atoms at the same time, or R<sup>1</sup> and R<sup>2</sup> are combined together to form a ring through an alkylenedioxy group;

R<sup>3</sup> represents (CH<sub>2</sub>)<sub>m</sub>, optionally having a hydrocarbon side chain, wherein m is an integer of 3 or greater;

X<sup>2</sup> represents a trimethoxysilyl, triethoxysilyl, chlorodimethylsilyl, dichloromethylsilyl or trichlorosilyl group;

G<sup>2</sup> represents O or COO;R<sup>4</sup> represents a hydrogen atom or a straight-chain or branched alkyl group; and

R<sup>5</sup> represents (CH<sub>2</sub>)<sub>n</sub>, optionally having a hydrocarbon side chain, wherein n is an integer of 3 or greater;

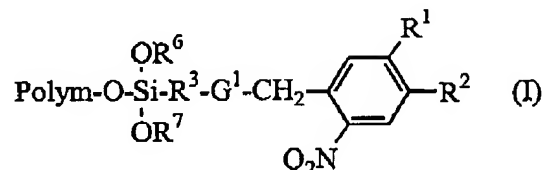
(B) an acid generator;(C) an infrared absorber; and(D) an alkali-soluble resin;

Appl. No.: 10/734,019

Amdt. dated 02/23/2006

Reply to Office action of September 23, 2005

9. (Original) A polymeric compound of the following formula (I):



wherein:

Polym-OH represents a resinous polymer having one or more phenolic hydroxyl groups;

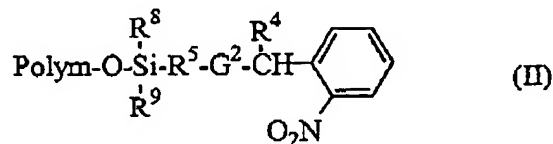
G<sup>1</sup> represents O or COO;

R<sup>1</sup> and R<sup>2</sup> each independently represents a hydrogen atom or a methoxy group, with the proviso that both R<sup>1</sup> and R<sup>2</sup> are not hydrogen atoms at the same time, or R<sup>1</sup> and R<sup>2</sup> are combined together to form a ring through an alkylenedioxy group;

R<sup>3</sup> represents (CH<sub>2</sub>)<sub>m</sub>, optionally having a hydrocarbon side chain, wherein m is an integer of 3 or greater; and

R<sup>6</sup> and R<sup>7</sup> each independently represents a hydrogen atom, a methyl group or an ethyl group.

10. (Original) A polymeric compound of the following formula (II):



wherein:

Polym-OH represents a resinous polymer having one or more phenolic hydroxyl groups;

G<sup>2</sup> represents O or COO;

R<sup>4</sup> represents a hydrogen atom or a straight-chain or branched alkyl group;

Appl. No.: 10/734,019

Amdt. dated 02/23/2006

Reply to Office action of September 23, 2005

$R^5$  represents  $(CH_2)_n$ , optionally having a hydrocarbon side chain, wherein  $n$  is an integer of 3 or greater; and

$R^8$  and  $R^9$  each independently represents a methyl group, a hydroxyl group or a chlorine atom.